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\*Admitted only in Maryland \*Admitted only in Virginia •Practice Limited to Federal Agencies

September 20, 2004

WRITER'S DIRECT NUMBER: (202) 772-8560 INTERNET ADDRESS: RESMOND@SKGF.COM

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Mail Stop Amendment Art Unit: 1635

Examiner: Zara, Jane J. Confirmation No.: 8277

Re:

U.S. Utility Patent Application

Application No. 09/472,067; Filed: December 23, 1999

For: Nucleic Acid Ladders

Inventors:

Hu et al.

Our Ref:

0942.4340002RWE/TSC

Sir:

Transmitted herewith for appropriate action are the following documents:

- 1. PTO Fee Transmittal (Form PTO/SB/17);
- 2. Petition for Extension of Time Under 37 C.F.R. § 1.136(a)(1);
- 3. Amendment and Reply Under 37 C.F.R. §1.111;
- 4. One (1) return postcard; and
- 5. PTO-2038 Credit Card Payment Form in the amount of \$420.00 to cover the two (2) month extension of time for large entity.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. In the event that extensions of time are necessary to prevent abandonment of this patent application, then such extensions of time are hereby petitioned.

Commissioner for Patents September 20, 2004 Page 2

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Robert W. Esmond Attorney for Applicants Registration No. 32,893

RWE/awt Enclosures

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PTO/SB/17 (10-03)

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FEE TRANSMITTAL		Complete if Known			
		Application Number	09/472,067		
for EV	2004	Filing Date	December 23, 1999		
for FY 2004  Effective 10/01/2003. Patent fees are subject to annual revision.  Applicant claims small entity status. See 37 CFR 1.27		First Named Inventor	A-Li W. Hu Zara, Jane J. 1635		
		Examiner Name			
		Art Unit			
TOTAL AMOUNT OF PAYMENT	(\$) 420.00	Attorney Docket No.	0942.4340002RWE/TSC		

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)					
Check X Credit card Money X Other** None		3. ADDITIONAL FEES					
**Charge any deficiencies or credit any overpayments in		Entity	Small	Entity			
Deposit Account: the fees to Deposit Acct. No. 19-0036.  Deposit		Fee		Fee	Fee Description		
Account 19-0036	1051	( <b>\$</b> ) 130	2051	( <b>\$</b> ) 65	Surcharge - late filing fee or oath	Fee Paid	
Number Deposit	1052	50	2052		Surcharge - late provisional filing fee or		
Account Name Sterne, Kessler, Goldstein & Fox P.L.L.C.					cover sheet		
The Director is authorized to: (check all that apply)		130	1053		Non-English specification		
Charge fee(s) indicated below Credit any overpayments		2,520	1812	•	For filing a request for ex parte reexamination		
Charge any additional fee(s) or any underpayment of fee(s)		920*	1804	920*	Requesting publication of SIR prior to Examiner action		
Charge fee(s) indicated below, except for the filing fee		1,840*	1805	1,840*	Requesting publication of SIR after		
to the above-identified deposit account.		٠			Examiner action		
FEE CALCULATION	1251	110	2251	55	Extension for reply within first month	420.00	
1. BASIC FILING FEE	1252	420	2252	210	Extension for reply within second month	720.00	
Large Entity Small Entity Fee Fee Fee Fee Description Fee Paid	1253	950	2253		Extension for reply within third month		
Fee Fee Fee Fee Pald Code (\$) Code (\$)	1254	.,	2254	740			
1001 770 2001 385 Utility filing fee	1255	2,010	2255	1,005	Extension for reply within fifth month		
1002 340 2002 170 Design filing fee	1401	330	2401	165	Notice of Appeal		
1003 530 2003 265 Plant filing fee	1402	330	2402	165	Filing a brief in support of an appeal		
1004 770 2004 385 Reissue filing fee	1403	290	2403	145	Request for oral hearing		
1005 160 2005 80 Provisional filing fee	1451	1,510	1451	1,510	Petition to institute a public use proceeding		
SUBTOTAL (1) (\$) 0.00	1452	110	2452	55	Petition to revive - unavoidable		
		1,330	2453	665	Petition to revive - unintentional		
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE		1,330	2501	665	Utility issue fee (or reissue)		
Extra Claims below Fee Paid	1502	480	2502	240	Design issue fee		
Independent - 20	1503	640	2503	320	Plant issue fee		
Claims X X X X X X X X X X X X X X X X X X X	1460	130	1460	130	Petitions to the Commissioner		
· · ·	1807	50	1807	50	Processing fee under 37 CFR 1.17(q)		
Large Entity   Small Entity Fee Fee Fee Fee Fee Description	1806	180	1806	180	Submission of Information Disclosure Stmt		
Code (\$) Code (\$)	8021	40	8021	40	Recording each patent assignment per property (times number of properties)		
1202 18 2202 9 Claims in excess of 20 1201 86 2201 43 Independent claims in excess of 3	1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))		
1203 290 2203 145 Multiple dependent claim, if not paid	1810	770	2810	385	For each additional invention to be		
1204 86 2204 43 ** Reissue independent claims over original patent	1801	770	2801	385	examined (37 CFR 1.129(b))		
1205 18 2205 9 ** Reissue claims in excess of 20	1801	900	1802	900	Request for expedited examination		
and over original patent	Othor	foo lon	ooifu)		of a design application		
SUBTOTAL (2) (\$) 0.00		fee (sp iced by		Filina F	ee Paid SURTOTAL (3)	420.00	
**or number previously paid, if greater; For Reissues, see above		occ by	D4510 1	9	ee Paid SUBTOTAL (3) (\$)	720.00	

(Complete (if applicable)) SUBMITTED BY Registration No. Name (Print/Type) Telephone 32,893 (202) 371-2600 Robert W. Esmond (Attorney/Agent) Signature September 20, 2004

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